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## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/SE 03/01060

A. CLASSIFICATION OF SUBJECT MATTER		
<p><b>IPC7: G06T 5/00, G01N 33/68, G06K 9/34</b>            According to International Patent Classification (IPC) or to both national classification and IPC</p>		
B. FIELDS SEARCHED		
<p>Minimum documentation searched (classification system followed by classification symbols)</p> <p><b>IPC7: G06T, G06K, G01N</b></p>		
<p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched</p> <p><b>SE,DK,FI,NO classes as above</b></p>		
<p>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)</p> <p><b>EPO-INTERNAL, WPI DATA, PAJ, INSPEC, COMPENDEX, TDB</b></p>		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 9819271 A1 (MOSE LARSEN, P. ET AL.), 7 May 1998 (07.05.98), abstract  --	1-21
A	BETTENS, E. et al. "Automatic segmentation and modelling of two-dimensional electrophoresis gels". In: IEEE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING. PROCEEDINGS. ICIP'96. 19 September 1996, Vol. 2, pages 665-668, see page 2, section 2.; abstract  --	1-21
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
<ul style="list-style-type: none"> <li>* Special categories of cited documents:</li> <li>"A" document defining the general state of the art which is not considered to be of particular relevance</li> <li>"E" earlier application or patent but published on or after the international filing date</li> <li>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</li> <li>"O" document referring to an oral disclosure, use, exhibition or other means</li> <li>"P" document published prior to the international filing date but later than the priority date claimed</li> <li>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</li> <li>"&amp;" document member of the same patent family</li> </ul>		
Date of the actual completion of the international search	Date of mailing of the international search report	
16 Sept 2003	18 -09- 2003	
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86	Authorized officer  Alexander Lakic /DGU Telephone No. +46 8 782 25 00	

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### C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>ADDARIO-BERRY, L. "2D Gel Electrophoresis - An Overview" [on line]. 9 May 2002, pages 1-9, [retrieved on 2003-09-11]. Retrieved from the internet:  &lt;URL: <a href="http://www.mcb.mcgill.ca/~hallet/GEP/Plecture3/Plecture3.pdf">http://www.mcb.mcgill.ca/~hallet/GEP/Plecture3/Plecture3.pdf</a>&gt;. See page 1, section 1 - page 5, section 4.</p> <p>--</p>	1-21
A	<p>YE, X. et al. "A recent development in image analysis of electrophoresis gels". In: PROCEEDINGS OF THE VISION INTERFACE CONFERENCE. VISION INTERFACE '99. Trois-Rivieres, Que., Canada, 18-21 May 1999, pages 432-438, see page 434, section III; abstract</p> <p>--</p>	1-21
A	<p>KIM, S. "Numerical methods for advancing interfaces" [on line]. June 2000, pages 1-32, [retrieved on 2003-09-11]. Retrieved from the Internet:  &lt;URL: <a href="http://www.ms.uky.edu/~math/MAreport/PDF/00-06pdf">http://www.ms.uky.edu/~math/MAreport/PDF/00-06pdf</a>&gt;. See the whole document; abstract</p> <p>--</p>	1-21
A	<p>SETHIAN, J.A. "Level set methods and fast marching methods". CAMBRIDGE UNIVERSITY PRESS, 1999, see the whole document; abstract</p> <p>-----</p>	1-21

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9819271 A1	07/05/98	AT 239274 T	15/05/03
		AU 743300 B	24/01/02
		AU 743867 B	07/02/02
		AU 4132597 A	02/04/98
		AU 4569397 A	22/05/98
		DE 69721551 D	00/00/00
		EP 0925554 A	30/06/99
		EP 0932882 A,B	04/08/99
		JP 2001500614 T	16/01/01
		JP 2001503860 T	21/03/01
		KR 2000052802 A	25/08/00
		AU 5407098 A	29/05/98
		EP 0934409 A	11/08/99
		JP 2002504806 T	12/02/02
		WO 9820124 A	14/05/98
		KR 2000036155 A	26/06/00
		WO 9811508 A	19/03/98